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How to Find Text/String in Abap Code



beyhan_meyrali
Active Contributor

2023 Mar 22 8:16 AM



10 Kudos

25,925 Views

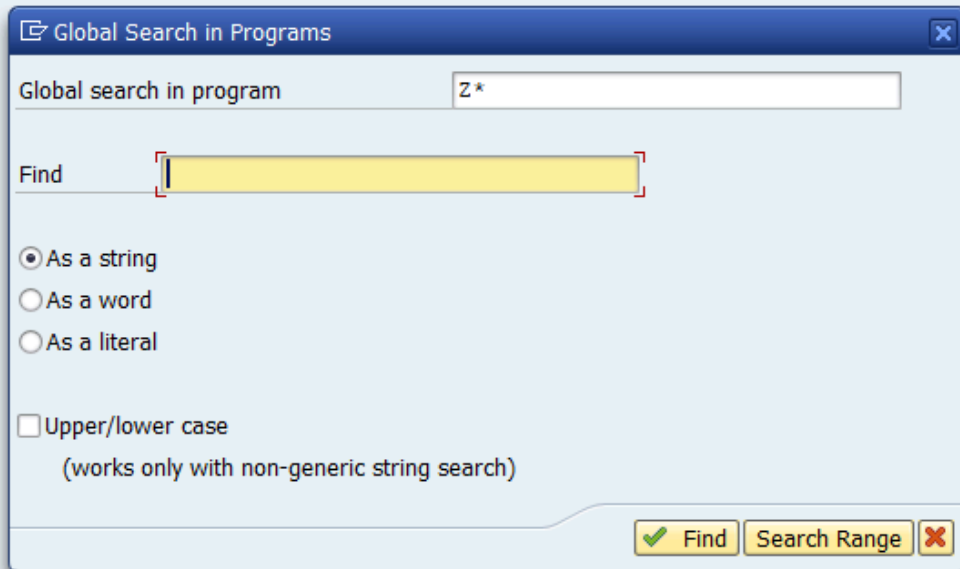
Hi,

Sometimes when you want to find a text it may not appear on usage list results.

In those cases, you can use following transaction codes/reports to search string code blocks, including enhancements.

- Transaction **EWK1** - Find text in code, including badi/enhancements
- Transaction **CODE_SCANNER**
- Report(SE38) **RS_ABAP_SOURCE_SCAN**
- Bonus : [How to find related CDS views hierarchically](#) by alwinvandeputmybrand

Transaction EWK1



Global Search in Programs

Global search in program

Find

☒ As a string
☐ As a word
☐ As a literal

☐ Upper/lower case
(works only with non-generic string search)

EWK1

Program Edit Goto System Help

ABAP Search

Search Criteria

Packages

Objects to

☒ Packages Contained

Search String 1 ☒

Search String 2

Options

Exclude Search String 1

Exclude Search String 2

Exclude Search String 3

Number of Output Lines Transaction CODE_SCANNER

☐ Ignore Comment Lines

☐ Display Objects Without Hits

☐ Open Objects in Edit Mode?

Objects to Be Scanned

☒ Programs


☒ Function Groups

☒ Classes

CODE_SCANNER







Source Scan ABAP Report

Search Term


String searched for  SE38 : RS_ABAP_SOURCE_SCAN

☐ String is regular expression


Report/Dynpro Selection

Program Name	<input type="text"/>	to	<input type="text"/>	
Screen	<input type="text"/>	to	<input type="text"/>	
Program type	<input type="text"/>	to	<input type="text"/>	
Applications programs, function	<input type="text"/>	to	<input type="text"/>	
Program Author	<input type="text"/>	to	<input type="text"/>	
Last changed by	<input type="text"/>	to	<input type="text"/>	


Pack. Selection

Package to 

Function Group Selection

Function group to 

Class Selection

Class/Interface to 

Search Criteria

Found Location +/- x Lines

☒ Explode INCLUDEs

☐ Modification Assistant Changes

☐ Ignore Comment Lines

Search Range

☒ ABAP Program(s)

☐ Screen Flow Logic

☐ ABAP and Dynpro

☐ Version Database

SE38 : RS_ABAP_SOURCE_SCAN

Hope those are useful for you.

Comments



pokrakam Active Contributor

2023 Mar 22

1:19 PM

There's also the Eclipse / ADT search which is much faster but only works on HANA.

Also needs to be set up by basis, see <https://blogs.sap.com/2014/01/23/abap-sourcecode-search/>



beyhan_meyrali Active Contributor

2023 Mar 22

2:43 PM

Thanks for sharing Mike.



matt Active Contributor

2023 Mar 27

12:19 PM

EWK1 is not part of the Basis package so won't exist in all systems - e.g. BW. It's weirdly in the EWU package: All objects for EURO conversion! What were they thinking! 😊

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